



PMW 120

Battlespace Awareness and Information Operations Program Office

Who We Are and What We Do

Our **vision** is to provide quality Information Warfare capabilities that improve the kill chain. Our **mission** is to deliver assured intelligence, meteorology, oceanography and information operations data, products and services that provide Information Warfare capabilities to the Fleet.

Top Programs

- **Distributed Common Ground System-Navy (DCGS-N) Increment (Inc) 1 and Inc 2**

DCGS-N Inc 1 (ACAT IAC) provides the Navy's primary intelligence, surveillance, reconnaissance and targeting (ISR&T) support capability by merging multiple data sources to create a web-enabled common intelligence picture that facilitates analysis and exploitation of information. Afloat or ashore, DCGS-N's tools are critical for operational battlespace awareness.

DCGS-N Inc 2 (ACAT IAM) is the Navy's next generation ISR&T support solution for ingesting, processing, exploiting, fusing and disseminating data from current and emerging Navy, joint and national sensors. It will provide robust fusion and knowledge management; enhanced signals intelligence (SIGINT), imagery intelligence (IMINT) and full-motion video (FMV) exploitation; and facilitate two-way connection of naval operational sensor capabilities and platforms to naval, joint and Intelligence Community enterprises.

- **Ship's Signal Exploitation Equipment (SSEE) Family of Systems**

SSEE Inc F (ACAT II) provides a standardized information operations weapon system operated locally or remotely across multiple maritime platforms based on a common core capability. It is responsive to emerging threats, promoting flexibility in the tasking of system assets. An SSEE Inc F small-footprint variant will further enable mission-specific configurations and rapid deployment of new technology.

SSEE Modifications (ACAT III) builds on SSEE Inc F to deliver enhanced information and integrated electronic warfare technologies. It enables a network-centric capable backbone and extended frequency range, delivering focused information operations exploitation and attack capabilities to maritime combatant commanders.

Spectral is the next-generation information warfare system, providing improved automation, operability and advanced core SIGINT. At the same time, it integrates with combat and afloat ISR systems, expanding signals exploitation and electronic warfare capabilities while improving targeting and Tasking, Collection, Processing, Exploitation and Dissemination processes across Navy combatant platforms.

- **Littoral Battlespace Sensing - Unmanned Undersea Vehicles (LBS-UUV) (ACAT IVM)**

LBS-UUV programs deploy long-duration, buoyancy-driven sensing systems called gliders (LBS-G) and short-duration, battery-powered autonomous undersea vehicles (LBS-AUV) that map ocean-bottom features in high resolution. This family of UUV programs aids with executing anti-submarine warfare, mine warfare and special warfare operations. A submarine variant of the AUV, LBS-AUV(S), is planned for production in FY17.

- **METMF(R) NEXGEN (ACAT IVT)**

METMF(R) NEXGEN provides Marine Air Ground Task Forces with mobile and secure organic capabilities that sense, analyze and forecast weather and land surface conditions in combat zones and humanitarian disaster relief areas.

- **NITES-Next (ACAT III)**

NITES-Next is a cyber-secure, software-only program that provides a customizable, user-friendly interface and organic data processing capability for producing actionable recommendations based on geospatial visualization, weather analysis and prediction, electromagnetic asset performance, oceanographic visualization and mission impact assessments, allowing naval warfighters to make informed decisions and predict the effect of the environment on forces, sensors, weapons and platforms.

Contact Information

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